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RECENT WORKS ON THE EMBRYOLOGY OF ARTICULATES.—Besides the very valuable paper of Melnikow on the embryology of the lice and other insects already noticed and quoted, we have to enumerate several others of great importance, and which we hope to find room to notice at greater length hereafter. Professor Claparède has published a paper, richly illustrated, on the embryology of worms, especially *Spirorbis*, in Siebold and Kolliker's "Journal." Melnikow writes in "Wiegmann's Archiv" "On the early stages of *Tenia cucumerina*, with a few figures. Dr. Richard Greef publishes in the same number of the "Archiv" some most interesting researches on certain remarkable forms of Arthropoda and worm-types, illustrated by four plates.

Dr. Anton Dohrn has lately published the first part of his "Researches on the Structure and Development of Arthropoda" (Insects and Crustacea) with nine excellent plates. It is extracted from Siebold and Kolliker's "Journal." He here records his observations on the embryology of Cuma and allied genera, of certain sea spiders (Pycnogonidæ), and thinks that embryology shows that these curious animals, classified by many naturalists with the Arachnida, are really Crustacea; and of *Daphnia*, *Praniza*, and *Paranthura Costana*.

A paper of the greatest interest to entomologists is M. Ganin's "Contribution to a Knowledge of Developmental History in Insects" in Siebold and Kolliker's "Journal." It is fully illustrated, and some of the embryos and larvæ of certain Pteromali, Platygasters and Polynemas are of such startling interest, from their resemblance to the zœas of crabs and to certain low worms, that we must defer any farther notice for another number, when we can insert cuts to illustrate our review.

THE BOWDOIN SCIENTIFIC REVIEW.\*—Two numbers have appeared of this fortnightly paper, which is conducted by Professors Brackett and Goodale of Bowdoin College. It is devoted mostly to chemistry and physiology, and the editors say in their announcement that "it was originally their design to communicate to their fellow physicians in Maine recent intelligence in physiology, and chemistry applied to therapeutics. This design has not been relinquished, but it has been somewhat modified at the suggestion of many, and the scope of the journal has been widened without trespassing upon the field now so well occupied by our American journals of natural history, physical science, and medicine. It is believed that much of the work now accomplished by many of our domestic and foreign periodicals may be made more directly available by the regular publication of a review which shall call attention to the best scientific labor wherever done. From the nature of the case, the range of the journal will approach that of "Cosmos" and "Les Mondes," but more prominence will be given to the results of English and American study." We trust that this enterprising and ably conducted journal will meet with every possible encouragement. We quote the conclusion of M. Mayer's

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\* A Fortnightly Review. Brunswick, Maine. 8vo, pp. 32. \$2.00 a year.